

AMENDED CLAIMS LIST:

This listing of the amended claims reflects all claim amendments and replaces all prior versions, and listings, of claim in the reissue application. In compliance with 37 CFR § 1.173(d), matter to be added by reissue is underlined, and matter to be omitted by reissue is in brackets.

1. (Thrice Amended) A portable trommel comprising:

a chassis, including support wheels at one end thereof for the movement of the portable trommel;

a trommel rotatably mounted on the chassis and having an input end, an output end, and a trommel screen;

input means for supplying material to be screened to the input end of the trommel, the input means being mounted on the chassis adjacent the input end of the trommel;

output means for collecting material passing through the trommel screen, the output means being mounted on the chassis, below the trommel; and

a stockpiling conveyor mounted on the chassis and having a lower end for receiving screened material from the output means and having an upper end for discharging screened material to form a stockpile, wherein the stockpiling conveyor includes [comprising] a first lower part pivotally attached to the chassis and a first upper part, which is pivotally attached to the first lower part, the first lower and the first upper parts being movable between an extended, operational position, in which the stockpiling conveyor extends upwardly and outwardly from the chassis and a retracted position for transportation, in which the first lower part is at an angle to the first upper part and the

first upper part extends over the chassis, and further wherein the first lower part of the stockpiling conveyor has a lower end mounted to the chassis for rotation about a vertical axis[,] to enable the stockpiling conveyor to form an arc-shaped stockpile.

3. (Twice Amended) A portable trommel as claimed in claim 1, wherein the input means comprises an input hopper and an input conveyor at the bottom of the input hopper which [input conveyor] discharges into the input of the trommel, and wherein the output means comprises a fines conveyor extending along the portable trommel from beneath the trommel to the stockpiling conveyor.

4. (Amended) A portable trommel as claimed in claim 3, wherein the stockpiling conveyor includes a collection chute at a lower end [thereof] for collecting and directing material onto the stockpiling conveyor [thereof], and wherein the fines conveyor includes a discharge chute at the output end [thereof], which directs material downwardly onto the stockpiling conveyor.

5. (Twice Amended) A portable trommel [stockpiling conveyor] as claimed in claim 1, wherein the lower end of the first lower part of the stockpiling conveyor is pivotally mounted to the chassis for motion about a horizontal axis, and wherein the portable trommel includes a body extending upwardly from the chassis and including an upper support bracket providing a support point, with the vertical axis of rotation of the stockpiling conveyor extending through the support point, and wherein a support extends between the support point and the stockpiling conveyor [for support thereof].

8. (Amended) A portable trommel as claimed in claim 7, further including [which includes] drive means for the turntable[,] for rotating [rotation of] the stockpiling conveyor.

10. (Amended) A portable trommel as claimed in claim 8, wherein the stockpiling conveyor [wherein first which] includes [an] actuation means for displacing the first lower and first upper parts between the extended and the retracted positions.

11. (Amended) A portable trommel as claimed in claim 10, wherein the actuation means comprises a pair of hydraulic pistons and cylinder[s] assemblies and a corresponding pair of mechanical linkages on either side of the stockpiling conveyor, with each hydraulic piston and cylinder assembly and one mechanical linkage providing a connection between the first lower and first upper parts of the stockpiling conveyor.

25. (Twice Amended) A portable trommel comprising:
a chassis, including support wheels at one end thereof for movement of the trommel;

a trommel rotatably mounted on the chassis and having an input end and an output end and having a trommel screen, wherein the trommel is mounted with the output end thereof adjacent the one end of the chassis;

input means for supplying material to be screened to the input end of the trommel mounted on the chassis adjacent the input end of the trommel, between the trommel and

the other end of the chassis, the input means comprising an input hopper and an input conveyor at the bottom of the input hopper, which input conveyor discharges into the input end of the trommel,

output means for collecting material passing through the trommel screen, the output means being mounted on the chassis below the trommel;

a rejected material conveyor, [mounted] extending from the [said] one end of the chassis [and extending from the output end of the trommel], for removal of coarse material that has traveled through the trommel, comprising a first lower part pivotally attached to the one end of the chassis and a first upper part pivotally connected to the first lower part, which first lower and upper parts are movable between an [the] extended, operational position and a [the] retracted position for transportation in which the rejected material conveyor does not extend substantially beyond the chassis; and

a stockpiling conveyor mounted on the other end of the chassis and having a lower end for receiving screened material from the output means and having an upper end for discharging screened material to form a stockpile, the stockpiling conveyor comprising a second lower part pivotally attached to the other end of the chassis and a second upper part pivotally attached to the [first] second lower part, which second lower and upper parts are moveable between the extended, operational position[,] extending upwardly and outwardly from the chassis and the retracted position for transportation[;]
in which the stockpiling conveyor does not extend substantially beyond the chassis
[wherein each of the rejected material conveyor and the stockpiling conveyor is movable between an extended, operational position extending upwardly and outwardly from the chassis, and a retracted position for transportation, the rejected material conveyor and the

stockpiling conveyor not extending substantially beyond the chassis in their retracted positions].

32. (Twice Amended) A trommel vehicle comprising:

a frame assembly supported for travel over a ground surface;

a material handling elongate trommel mounted on the frame assembly and having input and output ends;

a first deployable elongate material distribution conveyor mounted on the frame assembly adjacent the [trommel's] output end of the trommel, movable relative to the frame assembly about two angularly displaced axes[,] and having a first and a second component, the first component operatively interposed between the second component and the frame assembly, where the first component and the second component move relative to each other during adjustment of the conveyor between deployed and stowed conditions, and where adjustment of the conveyor toward its stowed condition tends to minimize its gravitational projection and adjustment toward its deployed condition tends to enlarge its gravitational projection, and further wherein the [first and second components'] relative motion between the first and second components includes rotation motion, such that the conveyor's gravitational projection changes predominantly by rotating the second component over the first component; and

a second deployable elongate material distribution conveyor mounted on the frame assembly for rotation about a vertical axis, to enable the second deployable elongate material distribution conveyor to form an arc-shaped stockpile.

45. (Twice Amended) A trommel vehicle comprising:
a chassis supported for travel over a ground surface;
an elongate trommel mounted on the chassis having input and output ends; and
a deployable elongate conveyor having first and second elongate components
where the first component is mounted on the chassis adjacent the output end of the
trommel and is movable relative to the chassis about angularly displaced first and second
axes, and where the second component articulates with the first component about a third
axis[,] that is generally parallel to the second axis[,] as the conveyor moves between a
deployed and a stowed condition.

52. (Amended) A trommel vehicle comprising:
a chassis supported for travel over the ground;
an elongate trommel mounted on the chassis having input and output ends; and
a first changeable configuration conveyor operatively associated with the
[trommel's] output end of the trommel, the conveyor being adjustable between a compact
stowed condition and an expanded deployed condition relative to the chassis and
including at least a pair of relatively moveable elongate components which move relative
to each other about two axes, a first component being operatively associated more
proximately than any other component with the chassis, wherein in the stowed condition
the first component extends generally above the chassis and occupies a lateral space
which is less than the length of the first component; and

a second changeable-configuration conveyor [operatively associated with the chassis, and] mounted to the chassis[[,]] and configured to rotate about a vertical axis to form an arc-shaped stockpile.

53. (Added) A trommel vehicle as claimed in claim 45 wherein the first axis is generally horizontal, thereby permitting the first elongate component to be moveable along a vertical plane, the second axis is generally vertical, thereby permitting the first elongate component to be moveable along a horizontal plane, and the third axis is generally horizontal, thereby permitting the second elongate component to be moveable along a vertical plane.

CLAIMS STATUS LIST

In compliance with 37 C.F.R. § 1.173(c), below is a Claims Status List, listing the status of all patent claims (claims 1-53), as of today's amendment, and an explanation of the patent disclosure support for all the changes made to these claims.

<u>Claim</u>	<u>Status</u>	<u>Support</u>
Claim 1	Pending	Changes made to correct typographical errors.
Claim 2	Cancelled	
Claim 3	Pending	Changes made to correct typographical errors.
Claim 4	Pending	Changes made to correct typographical errors.
Claim 5	Pending	Changes made to render the claim consistent with claim 1.
Claim 6	Pending	
Claim 7	Pending	
Claim 8	Pending	Changes made to correct typographical errors.
Claim 9	Pending	
Claim 10	Pending	Changes made to correct typographical errors.
Claim 11	Pending	Changes made to correct typographical errors.
Claim 12	Pending	
Claim 13	Pending	
Claim 14	Pending	

<u>Claim</u>	<u>Status</u>	<u>Support</u>
Claim 15	Pending	
Claim 16	Pending	
Claim 17	Pending	
Claim 18	Pending	
Claim 19	Pending	
Claim 20	Pending	
Claim 21	Pending	
Claim 22	Pending	
Claim 23	Cancelled	
Claim 24	Cancelled	
Claim 25	Pending	Changes made to correct typographical errors and clarify the language of the claim.
Claim 26	Cancelled	
Claim 27	Cancelled	
Claim 28	Cancelled	
Claim 29	Cancelled	
Claim 30	Cancelled	
Claim 31	Cancelled	
Claim 32	Pending	Changes made to correct typographical errors.
Claim 33	Cancelled	
Claim 34	Cancelled	
Claim 35	Cancelled	

<u>Claim</u>	<u>Status</u>	<u>Support</u>
Claim 36	Cancelled	
Claim 37	Cancelled	
Claim 38	Cancelled	
Claim 39	Cancelled	
Claim 40	Cancelled	
Claim 41	Cancelled	
Claim 42	Cancelled	
Claim 43	Cancelled	
Claim 44	Cancelled	
Claim 45	Pending	Changes made to correct typographical errors.
Claim 46	Cancelled	
Claim 47	Cancelled	
Claim 48	Cancelled	
Claim 49	Cancelled	
Claim 50	Cancelled	
Claim 51	Cancelled	
Claim 52	Pending	Changes made to correct typographical errors.
Claim 53	Pending	All elements of this added claim are discussed in the specifications at col. 4 ln. 44 through col. 6 ln. 3 and col. 7 ln. 65 through col. 8 ln. 38, and are illustrated in Figures 1, 2, 4, 5, 9 and 10.